

Title (en)

A METHOD OF ESTABLISHING SEALED PIPE LENGTHS OF PLASTIC PIPES BY JOINING OF PIPE ELEMENTS, PARTICULARLY DISTRICT HEATING PIPE LENGTHS

Publication

EP 0084039 B1 19861105 (EN)

Application

EP 82902163 A 19820713

Priority

DK 312481 A 19810714

Abstract (en)

[origin: WO8300115A1] By the construction of pipe lines having an outer, sealed mantle tube (8) of plastics and being made of joined, prefabricated pipe elements (2), particularly heat insulated pipe elements, various types of sealing problems occur in local surface areas of the plastic tubes. According to the invention it is proposed to overcome these problems by drilling out the said local areas into conical holes (12), which are thereafter closed entirely sealingly by means of complementarily conical stoppers (14), which are welded into the holes (12) by a welding technique resulting in a surface-to-surface welding between the stoppers and the hole surfaces.

IPC 1-7

B29C 65/02

IPC 8 full level

B29C 65/20 (2006.01); **B29C 65/34** (2006.01); **B29C 73/06** (2006.01); **F16L 59/10** (2006.01)

CPC (source: EP)

B29C 65/2076 (2013.01); **B29C 65/342** (2013.01); **B29C 66/1122** (2013.01); **B29C 66/1142** (2013.01); **B29C 66/1162** (2013.01); **B29C 66/24221** (2013.01); **B29C 66/532** (2013.01); **B29C 66/5326** (2013.01); **B29C 66/861** (2013.01); **B29C 73/06** (2013.01); **F16L 59/10** (2013.01); **B29C 65/3476** (2013.01); **B29C 66/53241** (2013.01); **B29C 66/723** (2013.01); **B29C 66/727** (2013.01); **B29C 66/8322** (2013.01); **B29L 2023/225** (2013.01); **B29L 2031/737** (2013.01)

Citation (examination)

DE 2012558 A1 19700924

Cited by

FR3076762A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8300115 A1 19830120; DE 3274079 D1 19861211; DK 116683 A 19830311; DK 116683 D0 19830311; DK 161685 B 19910805; DK 161685 C 19920224; EP 0084039 A1 19830727; EP 0084039 B1 19861105; FI 77178 B 19881031; FI 830843 A0 19830314

DOCDB simple family (application)

DK 8200067 W 19820713; DE 3274079 T 19820713; DK 116683 A 19830311; EP 82902163 A 19820713; FI 830843 A 19830314